

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

**PATENT APPLICATION**

**APPLICANT(S):** Akashi Satoh  
Kohji Takano

**ASSIGNEE  
NAME:** International Business  
Machines Corporation

**ASSIGNEE  
RESIDENCE:** Armonk, New York

**TITLE:** Multiplier and Cipher Circuit

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: January 21, 2004

Signature: *Lisa L. Tulpis*

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**SIR:**

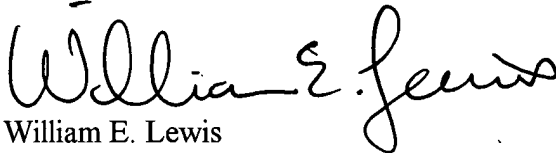
Enclosed are the following papers relating to the above-named application for patent:

Application - 16 pages of Specification, 4 pages of Claims and 1 page of Abstract  
11 Sheets of informal drawing(s)  
Declaration (unexecuted)  
A Certified Copy of Foreign Application for which priority is claimed (Japanese Patent Application No. 2003-015301, filed January 23, 2003)  
Information Disclosure Statement with PTO Form-1449 and cited reference(s)

CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	13-20 =		x \$18 =	\$0
Independent Claims	4-3 =	1	x \$86 =	\$86
Multiple Dependent Claim(s), if applicable			\$290 =	\$0
Basic Fee				\$770
TOTAL FEE:				\$856

Please file the application and charge **International Business Machines Corporation Deposit Account No. 50-0510** the amount of \$856, to cover the filing fee. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 50-0510** as required to correct the error. Duplicate copies of this letter are enclosed. Please address all correspondence to: **Ryan, Mason & Lewis, LLP, 90 Forest Avenue, Locust Valley, New York 11560**. Telephone calls should be made to the undersigned attorney at (516) 759-2946.

Respectfully,

A handwritten signature in black ink, appearing to read "William E. Lewis". The signature is fluid and cursive, with the first name "William" being the most prominent part.

William E. Lewis

Reg. No. 39,274

Attorney for Applicant(s)

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Date: January 21, 2004